

1657  
JW

JENKINS  
WILSON  
& TAYLOR

patent attorneys

November 19, 2004



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 11-19-04

Cathi H. Turner  
Cathi H. Turner  
Date of Signature: November 19, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/047,438 for  
NANOPOROUS MEMBRANE FOR MINIATURIZED REACTIONS  
AND ENHANCED REACTION KINETICS  
Syngenta Ref. No. 50076 USNP1; Our Ref. No. 1392/10/2/2/3

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (1 page) in duplicate;
3. Copies of cited references (6 references); and
4. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Arles A. Taylor, Jr.  
Registration No. 39,395

AAT/JD/cht  
Enclosures  
Customer No: 25297

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

\*CHRIS PERKINS, PH.D.

\*\*JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL  
SOROJINI BISWAS

\*LICENSED ONLY IN CA

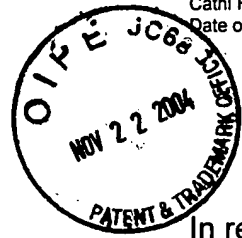
\*\*LICENSED ONLY IN KY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 11-19-04

PATENT

Cathi H. Turner  
Date of Signature

November 19, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Guttman et al.

Group Art Unit: 1651

**Serial No.: 10/047,438**

Examiner: Srivastava, Kailash C.

Filed: January 14, 2002

Docket No.: 1392/10/2/2/3

Confirmation No.: 2544

For: NANOPOROUS MEMBRANE FOR MINIATURIZED REACTIONS AND  
ENHANCED REACTION KINETICS

\*\*\*\*\*

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the documents listed on the attached Form PTO-1449. Copies of the references as well as Form PTO-1449 are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

No fee under 37 C.F.R. Section 1.17(p) is due as the undersigned hereby certifies that each item of information contained in this statement was cited in a communication

Serial No.: 10/047,438

from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

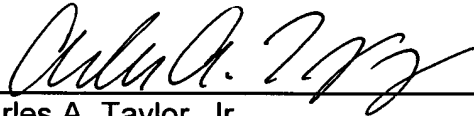
Early passage of the subject application to issue is earnestly solicited.

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any fees associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: 11/19/2004

By:   
Arles A. Taylor, Jr.  
Registration No. 39,395

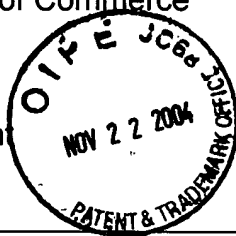
AAT/JD/cht

Enclosures

Customer No: 25297

**FORM PTO-1449 U.S. Department of Commerce**  
**Patent and Trademark Office**

List of Documents Cited by Applicant



Application No.:	10/047,438
Filing Date:	January 14, 2002
First Named Inventor:	Guttman
Group:	1651
Examiner:	Srivastava, Kailash
Attorney Docket No.:	1392/10/2/2/3

## U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear
	1	6,057,488	05/02/2002		
	2	6,015,714	01/18/2000		
	3	5,990,373	11/23/1999		

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number (country code, no., kind code (if known))	Publication Date	Name of Patentee or Applicant	Pages, columns, lines where relevant passages appear	T

## OTHER DOCUMENTS

Examiner Initials	Cite No.	Include Author (in CAPITAL LETTERS), Title, Journal, Date, Pertinent Pages, Etc.	T
	4	International Search Report (ISR) for corresponding PCT Appl. No. PCT/US 02/00993 dated September 20, 2004.	
	5	Deamer et al., "Nanopores and Nucleic Acids: Prospects for Ultrarapid Sequencing", <i>Elsevier Science Ltd.</i> , Vol. 18, pp. 147-151, April 2000.	
	6	Kasianowicz et al., "Characterization of Individual Polynucleotide Molecules Using a Membrane Channel", <i>Proc. Natl. Acad. Sci.</i> , pp. Vol. 93, pp. 13770-13773, November 1996.	

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

\*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.